

040204

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 \* ADMITTED IN NEW JERSEY  
 • NOT ADMITTED IN D.C.

Commissioner for Patents  
 Washington, D.C. 20231

Sir:

Submitted herewith is the following ( divisional  continuation  continuation-in-part) patent application of prior application Serial No. 09/789,822 filed in the U.S. Patent & Trademark Office on 22 February 2001.

Inventor: CHANG-HYEON LEE

Title: APPARATUS AND METHOD FOR DETECTING AN ABNORMALITY IN A RECORDED SIGNAL

Please find attached hereto an application for patent which includes: specification and abstract, claims, original declaration and power of attorney, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: NO

Drawings: Formal drawings, 10 sheets, Figures 1 through 15

Claim of priority under 35 U.S.C. §119: N/A

FEE (see formula below): CHECK ENCLOSED (#45463)

Basic Fee \$385/770 ..... \$770.00

**Additional Fees:**

Total number of claims in excess of 20:    times \$9/18 . \$0.00

Number of independent claims in excess of 3: 3 times \$43/86 ..... \$258.00

Multiple Dependent Claims \$145/290 ..... \$0.00

An Assignment is likewise enclosed: Recording Fee \$40 .. \$0.00

Filing Non-English specification ..... \$0.00

**TOTAL FEES FOR THE ABOVE APPLICATION .....** \$1,028.00

INTELLECTUAL PROPERTY LAW

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- Via Facsimile No. \_\_\_\_\_
- Via E-Mail Attachment
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Attorney Docket: P57062

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**U.S. PATENT & TRADEMARK OFFICE  
FEE TRANSMITTAL**

Patent fees are subject to annual revision.

**Complete If Known**

Application Number	<i>to be assigned</i>
Filing Date	2 April 2004
First Named Inventor	Chang-Hyeong LEE
Examiner Name	<i>to be assigned</i>
Group/Art Unit	<i>to be assigned</i>

**TOTAL AMOUNT OF PAYMENT**(\$)1,028.00**Attorney Docket No.**

P57062

**METHOD OF PAYMENT (check one)**

- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

**3. ADDITIONAL FEES**Deposit Account Number: 02-4943  
Deposit Account Number: \_\_\_\_\_

- Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

- Applicant claims small entity status. See 37 CFR 1.27

**2. ■ Payment Enclosed:**

(CHECK #45463)

- Check  Credit Card  Money Order  Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	\$770.00
1002	340	2002	170	Design filing fee	\$
1003	530	2003	265	Plant filing fee	\$
1004	770	2004	385	Reissue filing fee	\$
1005	160	2005	80	Provisional filing fee	\$

**SUBTOTAL (1) (\$)770.00****2. EXTRA CLAIM FEES**

		Extra Claims	Fee from below	Fee Paid
Total claims	12	-20** =	x 18.00	= .00
Independent Claims	6	- 3** =	21 x 86.00	= 258.00

Multiple Dependent =

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1201	86	2201	43	Independent claims in excess of 3
1202	18	2202	9	Claims in excess of 20
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

**258****SUBTOTAL (2) (\$)228.00**

Large Entity	Small Entity	Fee Description	Fee Paid
1051	130	2051 65 Surcharge-late filing fee or oath	\$
1052	50	2052 25 Surcharge-late provisional filing fee or cover sheet	\$
1053	130	1053 130 Non-English specification	\$
1812	2,520	1812 2,520 For filing a request for reexamination	\$
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	\$
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	\$
1251	110	2251 55 Extension for reply within first month	\$
1252	420	2252 210 Extension for reply within second month	\$
1253	950	2253 475 Extension for reply within third month	\$
1254	1,480	2254 740 Extension for reply within fourth month	\$
1255	2,010	2255 1,005 Extension for reply within fifth month	\$
1401	330	2401 165 Notice of Appeal	\$
1402	330	2402 165 Filing a brief in support of an appeal	\$
1403	290	2403 145 Request for oral hearing	\$
1451	1,510	1451 1,510 Petition to institute a public use proceeding	\$
1452	110	2452 55 Petition to revive - unavoidable	\$
1453	1,330	2453 665 Petition to revive - unintentional	\$
1501	1,330	2501 665 Utility issue fee (or reissue)	\$
1502	480	2502 240 Design issue fee	\$
1503	640	2503 320 Plant issue fee	\$
1460	130	1460 130 Petitions to the Commissioner	\$
1807	50	1807 50 Processing fee for provisional applications	\$
1806	180	1806 180 Submission of Information Disclosure Statement	\$
8021	40	8021 40 Recording each patent assignment per property (Times number of properties)	\$
1809	770	2809 385 Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
1810	770	2810 385 For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
1801	770	2801 385 Request for Continued Examination (RCE)	\$
Other Fee (specify) _____			
Other Fee (specify) _____			
** Reduced by Basic Filing Fee Paid			
<b>SUBTOTAL (3)</b>			<b>\$ .00</b>

**SUBMITTED BY****Complete (if applicable)**

Typed or Printed Name

Robert E. Bushnell, Esq.

Reg. Number

27,774

Signature

Date

2 April 2004

Deposit Account User ID

REB/kf

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Commissioner for Patents  
2 April 2004  
Page Two

Docket No.: P57062

Inventor: **CHANG-HYEON LEE**

Title: **APPARATUS AND METHOD FOR DETECTING AN ABNORMALITY IN A RECORDED SIGNAL**

The Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the issue fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell  
1522 K Street, N.W.  
Suite 300  
Washington, D.C. 20005

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell  
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Attorney for the Applicant  
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REB/kf

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

CHANG-HYEON LEE

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 2 April 2004

Art Unit: *to be assigned*

For: APPARATUS AND METHOD FOR DETECTING AN ABNORMALITY IN A  
RECORDED SIGNAL

**TRANSMITTAL OF DECLARATION**

Commissioner for Patents

Washington, D.C. 20231

**BOX: PATENT APPLICATION**

Sir:

This transmittal accompanies a copy of the original Declaration filed in the parent application of the above-captioned **continuation** application, Serial No. 09/789822 filed in the U.S. Patent & Trademark Office on the 22 February 2001.

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell,  
Attorney for the Applicant  
Registration No.: 27,774

Suite 300, 1522 "K" Street, N.W.  
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(202) 408-9040

Folio: P57062  
Date: 04/02/4  
I.D.: REB/kf

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

CHANG-HYEON LEE

Serial No.: *to be assigned*

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RECORDED SIGNAL

**TRANSMITTAL OF SUBSTITUTE FORMAL FIGURE(S)**

**Mail Stop Issue Fee**

Commissioner for Patents

P.O.Box 1450

Alexandria, VA 22313-1450

Sir:

This transmittal accompanies Substitute Formal Figures 1 through 15 (10 replacement sheets) for the above-captioned continuation application, which are in compliance with 37 C.F.R. §1.84.

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell,  
Attorney for the Applicant  
Registration No.: 27,774

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Folio: P57062  
Date: 4/2/04  
I.D.: REB/kf